

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/081,455

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

**ENTERED**



IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/081,455

DATE: 06/01/2005  
TIME: 14:29:34

Input Set : N:\Crf3\RULE60\10081455.raw  
Output Set: N:\CRF4\06012005\J081455.raw

#### SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Paulson, James C.  
6 Bayer, Robert J.  
7 Sjoberg, Eric

9 (ii) TITLE OF INVENTION: Practical In Vitro Sialylation of  
10 Recombinant Glycoproteins

12 (iii) NUMBER OF SEQUENCES: 1

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Townsend and Townsend and Crew LLP  
16 (B) STREET: Two Embarcadero Center, Eighth Floor  
17 (C) CITY: San Francisco  
18 (D) STATE: California  
19 (E) COUNTRY: USA  
20 (F) ZIP: 94111-3834

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Floppy disk  
24 (B) COMPUTER: IBM PC compatible  
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/10/081,455  
C--> 30 (B) FILING DATE: 21-Feb-2002

31 (C) CLASSIFICATION:

33 (vii) PRIOR APPLICATION DATA:

W--> 34 (A) APPLICATION NUMBER: US/09/007,741  
35 (B) FILING DATE: 15-JAN-1998

W--> 36 (A) APPLICATION NUMBER: US 60/035,710  
37 (B) FILING DATE: 16-JAN-1997

39 (viii) ATTORNEY/AGENT INFORMATION:

40 (A) NAME: Smith, Timothy L.  
41 (B) REGISTRATION NUMBER: 35,367  
42 (C) REFERENCE/DOCKET NUMBER: 014137-011210US

44 (ix) TELECOMMUNICATION INFORMATION:

45 (A) TELEPHONE: (415) 576-0200  
46 (B) TELEFAX: (415) 576-0300

49 (2) INFORMATION FOR SEQ ID NO: 1:

51 (i) SEQUENCE CHARACTERISTICS:

52 (A) LENGTH: 50 amino acids  
53 (B) TYPE: amino acid  
54 (C) STRANDEDNESS:  
55 (D) TOPOLOGY: linear

57 (ii) MOLECULE TYPE: peptide

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,455

DATE: 06/01/2005

TIME: 14:29:34

Input Set : N:\Crf3\RULE60\10081455.raw  
Output Set: N:\CRF4\06012005\J081455.raw

60 (ix) FEATURE:

61 (A) NAME/KEY: Modified-site

62 (B) LOCATION: 43..44

63 (D) OTHER INFORMATION: /product= "OTHER"

64 /note= "Xaa at positions 43 and 44

65 may be present or absent"

68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

W--> 70 Arg Cys Ala Val Val Ser Ser Ala Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
71 1 5 10 15  
73 Xaa  
74 20 25 30  
76 Xaa Asp Val Gly Ser  
77 35 40 45  
79 Lys Thr  
80 50

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/081,455

DATE: 06/01/2005  
TIME: 14:29:35

Input Set: N:\Crf3\RULE60\10081455.raw  
Output Set: N:\CRF4\06012005\J081455.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29

Seq#:1; Xaa Pos.30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/081,455

DATE: 06/01/2005

TIME: 14:29:35

Input Set : N:\Crf3\RULE60\10081455.raw

Output Set: N:\CRF4\06012005\J081455.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:36 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)

L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: \_\_\_\_\_**

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.